## ISSUE SLIP STAPLE AREA (for additional cross references)

|     |          | Jan 1/0      | <u>)                                    </u> |
|-----|----------|--------------|--|
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|     | 21       | 7/29/00      | <del>/</del> 00                              |
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## INDEX OF CLAIMS

| <b>✓</b> | Rejected Allowed           | N | Non-elected<br>Interference |
|----------|----------------------------|---|-----------------------------|
|          | (Through numeral) Canceled | A | Appeal                      |

|          |            |               |               |               |  |  | <u>.</u>   | (11)     |          |                    |                 |              |            | Resti       | icte        | d  |  |               | (        | )              |  |             | 40777        | ,                 |          | . 0           | bjecte   | d  |           |          |        |                |          |            |                          |  |
|----------|------------|---------------|---------------|---------------|--|--|--|----------|----------|--------------------|-----------------|--------------|------------|-------------|-------------|--|--|---------------|----------|----------------|--|-------------|--------------|-------------------|----------|---------------|--|--|-----------|----------|--------|----------------|----------|------------|--------------------------|--|
| Ž        | •          |               |               | •             | q  | V  | •  |          |          |                    | •               |              |            |             |             |  |  |               |          |                |  |             |              | _                 |          |               |  |  | <u></u> - |          |        |                |          |            |                          | $\neg$   |
|          | (E.        | m             |               | 14            | 40   |  | Date   | <u></u>  | -        |                    |                 | $\neg$       | CI         | aim         |             |  |  | ַ             | ate      |                | <del></del> -                                    | <del></del> | <del></del>  | _                 | Cla      | im            | <del>                                     </del> |  |           |          | ate    | 1              | Т        | - -        | $\top$                   | $\dashv$   |
| 1        | F          |               | 19            | 0.            | 3  | গ  | 3  |          |          |                    |                 |              |            | ब           |             |  | ŀ  |               |          |                |  |             |              |                   |          | Original      |  |  |           |          |        |                |          |            | 1                        | -  |
|          |            | Jinal         | 3             | 279           | 8  | Ŷķ   | ?  |          |          | 1                  |                 |              | Final      | Original    |             |  |  |               | 1        |                | - [  |             |              |                   | Final    | igi           |  |  |           |          |        |                |          | 1          |                          | -  |
|          |            | Ö             | 3             | Tan la        | 170  |  | ふ  |          |          |                    |                 |              | ü          |             | _           | $\dashv$   |  | _             | _        | _              | _  | $\dashv$    | +            |                   | -        |               |  | +  | +-        | +        |        | 十              | +        | +          | +                        | -  |
| 1        |            | Ţ             | 0             | <b>V</b>      | V  |  | -  |          |          |                    |                 |              |            | 51          |             |  |  | _             |          | _}             | -  | -+          |              | `                 | ·        | 10°           |  | +  | -         | 十        | -}-    | $\dagger$      | 十        | +          | 十                        | 一  |
| -        | 4          |               |               |               |  | $\prod$                                      |  |          |          |                    |                 |              | _          | 52          | _           | <del></del>  |  |               |          | -              | +  | ╌╂╴         | -            |                   | -        | 10            |  | ╅  |           | ╅        |        | +              | 十        | 十          | +                        | 7  |
| Ż        | , 1        | 3             | 0             | V             | V  | 衧  | <del>,</del> –                                   |          |          |                    |                 | ]            | <u>  •</u> | 53          |             | }  |  | $\rightarrow$ |          | -              | $\dashv$   | _           | $\dashv$     |                   | -        | 10            |  | +  |           | ╅        | +      | +              | +        | 十          | +                        | 寸  |
| f        | 1          | 4             | 0             | V             | V  | 3  | •  |          |          | $\Box$             |                 | _            | _          | 54          | _           |  |  | $\dashv$      |          |                | -+   | ┵           | $\dashv$     | $\dashv$          |          | 10            |  | 十  | +         | +        | 十      | +              | _        | _          | 寸                        | 7  |
| Ţ        |            | 5             | 8             | V             | V  | 7  | 크  | $\dashv$ |          |                    | _               | _            |            | 55          | _           | $\dashv$   |  | $\dashv$      | -+       |                | $\dashv$   | $\dashv$    | -+           |                   | -        | 10            | <del></del>                                      | +  | ╅         | 十        | 十      |                |          | 十          |                          |  |
| _[       |            | P             | 0             | V             |  |  |  |          |          |                    |                 |              | -          | 56<br>57    |             |  | $\dashv$   |               | -        | <del>-</del> + | -  | 十           | 十            | _                 |          | 10            |  | 十  | 1         | 1        | 1      | 1              |          |            | $\Box$                   |  |
|          |            | 7             | 9             | V             | V  |  | #  | _        |          | <b>—</b> ∔         |                 |              | $\vdash$   | 58          |             | $\dashv$   |  | $\dashv$      |          | $\dashv$       | -  | _           | -            | -                 |          | 10            |  | $\top$   |           |          |        |                |          | $\Box$     |                          |  |
| *        |            | 8             | <del></del> ₹ | V,            | <u>V</u>   |  | 3  | _        |          |                    |                 | -            | -          | 59          |             | -  | $\dashv$   | -             |          |                | $\dashv$   | 1           | 十            |                   |          | 10            | 9  |  |           |          |        |                |          |            |                          | _  |
| C        |            | 9             | e             | V             | V.   |  | 7  |          |          |                    |                 |              | -  -       | 60          |             |  | 4  | 一†            | $\dashv$ | _              |  | $\dashv$    |              |                   |          | 11            | 0  |  |           |          |        |                |          |            |                          |  |
| 6        |            | 7             | **            | بر<br>ارت     | \<br>\   | _  | <u>.</u>   |          |          |                    |                 |              | <br> -     | 61          |             |  |  | _             |          | _              | 十  | _           |              |                   |          | 11            | 1  |  | $\cdot$   |          |        |                |          | $\dashv$   | _                        |  |
| ļ        | •          | 11            | <del></del>   | tV            | 14.  |  | 1  |          | _        | ď                  |                 |              |            | 62          | $\vdash$    | <del>                                     </del>   |  |               |          |                |  | +           |              |                   |          | 11            | 2  |  |           | $\bot$   | $\bot$ | _              | _        | $\dashv$   |                          |  |
|          | !          | 13            | 6             | 7             | ۲۷,-   | -  | 11   |          |          |                    | $\vdash \vdash$ | $\dashv$     | H          | 63          |             |  |  |               |          | 1              |  |             |              |                   |          | 11            | 3  |  |           |          | _      | _              | _        | $\dashv$   |                          |  |
| 7        |            |               | 70            | ⊻             | 14!  | <u>.</u>                                     |  |          |          |                    | $\vdash$        |              |            | 64          | ₩-          |  |  |               |          |                |  |             |              |                   |          | 11            | _  | _  |           | $\bot$   | _      |                | _        | _          |                          |  |
| . 1      |            | 15            | 10            | 77            | 坎  | رے۔۔۔<br>دست                                 | :  | $\vdash$ |          | -                  |                 |              | 一          | 65          | -           |  |  |               |          |                |  |             |              |                   |          |               | 5  | _  | -         | 4        | _      | _              | $\dashv$ |            |                          | $\vdash$   |
| 7.<br>7. | ı          | 16            | +             | 177<br>       | <del>\'</del> \'                                 | سين  | 1  |          |          |                    | Н               | $\neg$       |            | 66          | +           |  |  |               |          |                |  |             |              |                   | <u> </u> | 11            |  | $\dashv$   | -         | $\dashv$ | _      |                | -+       |            | <u> </u>                 |  |
|          |            |               |               | Ť             | 7  | -  | 1  |          |          | -                  |                 |              |            | 67          |             |  |  |               |          |                |  |             |              |                   |          | 1.            | <del></del>                                      | _  | _         | -        |        | $\dashv$       |          |            |                          | $\vdash$   |
|          | ė,<br>Lit  | 118           |               | Ÿ             | V  | -  | 三  |          |          | Ι                  |                 |              |            | 68          | ,           |  |  |               |          |                |  |             |              |                   | -        |               | 18   |  |           | $\dashv$ |        |                |          |            | <del> </del>             | ┝╌┥  |
|          |            | N             |               | . <b></b><br> | <del>                                     </del> | <u> </u>                                     |  |          | Γ        |                    |                 |              |            | 69          |             |  |  |               |          |                |  |             |              |                   | -        |               | 19   | {  |           |          |        |                |          |            | ļ                        | ┞╌┦  |
| ·        |            | 20            | 7-            | 1             |  | <u>.                                    </u> | 13,  |          |          |                    |                 |              | Γ          | 70          |             |  | l  |               |          |                |  |             |              |                   |          |               | 20   |  |           |          |        |                |          |            | <del> </del>             | ╂╌┦  |
| 6        | _          | 2             | _             | +             | -  | ř  | <b>,</b> ,                                       |          | 1        | †                  | †               |              |            | 71          |             |  |  |               |          |                |  |             |              |                   | _        |               | 21   |  |           | $\dashv$ |        |                |          | <b> </b>   | <del> -</del>            | ├─   |
| 4        | -          | 2             | _             | +             |  | $\vdash$                                     | 1  |          | 1        | 1                  | 1               |              |            | 72          |             |  |  |               |          | <u> </u>       |  |             | ļ            |                   | -        |               | 22   |  |           |          |        | _              |          | <b> </b>   | 十                        | <del>                                     </del> |
|          | -          | 2             |               | 1             | 1  |  | <del>                                     </del> | 1        |          |                    |                 |              |            | 7:          |             | ┦  | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ | <u> </u>      | <u> </u> | _              | <u> </u>   | <u> </u>    | <u> </u>     |                   | -        |               | 23<br>24   | -  |           |          |        |                |          | <b>-</b> - | ┼                        | ┼─   |
| •        | $\vdash$   | 2             |               | 1             | 1  |  |  | 1        |          |                    |                 |              |            | 7           |             | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ |  | _             |          | -              |  | ┨—          | ├            |                   | <u> </u> |               |  |  |           |          |        |                |          |            | 十                        | <del>                                     </del> |
| -        | 一          | 2             | 5             | 1             |  |  |  |          |          |                    | <u> </u>        |              |            | 7           | <del></del> | ╀  | <del> </del>   | ↓_            | ↓_       | <del> </del>   | <del> </del>                                     | $\vdash$    | $\vdash$     | $\vdash$          | -        | _             | 25<br>26   | <del>                                     </del> |           |          |        |                | -        |            | 十                        | 1  |
|          |            | 2             | 6             |               |  |  |  |          |          | $oldsymbol{\perp}$ |                 |              |            | 7(          | -           | ╨  | -  | <b>↓</b> _    | +        | -              | ┼-   | ╀╌          | ╁╌           | ╁╌┤               | -        | _             | 27   | _  |           |          |        |                | 1        |            | <b>T</b>                 | $\top$   |
| •        | Γ          | 2             | 7             |               |  | L  |  |          |          |                    |                 | <u> </u>     |            | 7           | _           | ┼-   | 4-   | ╀-            | ┼─       | ┼-             | +  | +           | ╂            | -                 | -        | _             | 28   | ╂╌┈  |           |          |        |                |          | <u> </u>   | †                        |  |
| •        |            | 2             | 8             |               |  | <u>.</u>                                     |  | <u> </u> |          | 1_                 |                 | ↓_           |            | 7           |             | +  | ╁  | ╁             | ╁        | +              | ╫  | 1           | ╁            | ╅┩                | -        |               | 29   | <del>                                     </del> |           |          |        | -              |          |            |                          |  |
|          |            | 2             | 9             |               |  | _  | $oldsymbol{\perp}$                               | 1_       | _        | -                  | $\bot$          |              |            | 7           |             | +-   | +-   | +             | ╁        | +              | <del>                                     </del> | +           | +            | ╁╾┤               | -        | l             | 30   |  |           |          |        |                |          |            | I                        | $\prod$  |
|          |            | 3             | 0             |               |  | <u> </u>                                     | 1  | 1        | -        | $\bot$             | -               | ╀            | 4 1        | 8           | <del></del> | +  |  | ╀             | +-       | +              | +-   | +           | +-           | ╂─╢               | <u> </u> |               | 131  | <del>                                     </del> |           |          |        |                |          | $\prod$    | $\underline{\mathbb{L}}$ |  |
|          |            | -             | 31            |               |  | _  | 1  | ╄-       | -        |                    | ┿               | <del> </del> | 4 1        |             | 2           | +  | ╁  |               | ╂        | ╂─             | +  | 十           | ╁╴           | ╂┈╢               | }-       |               | 132  | $\vdash$   | 1         |          |        |                |          |            |                          |  |
| . •      |            |               | 2             | _ _           | _  | -  | _  | +        | +        | +                  | $\perp$         | <del> </del> | 1          |             | 3           | +  | +  | 十             | +        | 十              | +-   | +           | +            | $\dagger \exists$ |          | $\rightarrow$ | 133  |  |           |          |        |                |          | _          | $\perp$                  |  |
|          | -          | -             | 33            | -             | - -  | 4-   | 4-   | +-       | +-       | +                  | +               | +            | -{         |             | 4           | +  | $\dashv$   | +             | +        | +-             | +  | 1           | 1            |                   |          |               | 134  |  |           |          |        |                | _        | 1_         | 4                        | 4  |
|          | -          | -             | 4             | +             |  | +  |  | +-       | -        | +                  | ╁               | +            | 4          |             | 5           | +  | 十  | +             | +        | +              | 1  | †           | +            |                   |          |               | 135  |  |           |          | _      | _              | 1        | 1          | +                        | 4  |
|          | -          |               | 35<br>36      | +             |  | +-   | +-   | +        | +        | +                  | +               | +-           | -          |             | 6           | +  | +  | 1             | $\top$   | 1              | 1  |             |              |                   |          |               | 136  |  |           | _        | _      | _              | -        | +          | +                        | +  |
|          | -          | _+            | 37            | +             | +  | +  | +  | +        | +-       | -                  | 十               | +            | 1          |             | 17          | +  | 十  | 1             | 1        | 1              |  |             |              |                   |          |               | 137  | _  |           | 1-       |        | $\downarrow$   | -        | +          | +                        | -+-  |
|          | -          |               | 37<br>38      |               | +-   | +  | +  | +        | +        | +-                 | +               | $\top$       | 7          | <del></del> | 18          | 1  | 十  | $\top$        |          |                |  | $\prod$     |              |                   |          |               | 138  |  | 4_        | ┦—       | +      | <del> </del>   | +-       | +          | +                        | +  |
| _        | +          | $\rightarrow$ | 39            | +             | +  | +  | +  | +        | +        | +                  | +               | +            | 1          | <b>├</b>    | 39          | 1  |  |               |          |                |  |             |              |                   |          |               | 139  | $\bot$   |           | 1-       | ┼      | +              | ┿-       | +          | +                        | 十  |
| Ž        | +          |               | 40            | _             | +  | +  | +  | 十        | +        | $\top$             | $\dashv$        | 1            | 1          | <u> </u>    | 90          |  | 1  |               |          |                |  |             |              |                   |          |               | 140  | _  | 4-        | _        | -      | <del> </del>   | _        | +-         | +                        | +  |
| ĺ        | <b>.</b>   |               | 41            | +             | -+   | +  | $\dashv$   | +        |          | +                  | $\dashv$        | $\top$       | -          |             | 91          | 1  |  |               |          |                |  |             |              |                   |          |               | 141  |  | 4-        | _        | -      | <del> </del> - | +        | +          | +                        | +  |
|          | •          |               | <b>Ž</b> 2    | +             | $\dashv$   | +  |  | $\dashv$ | -+       | -                  | +               | $\top$       | 1          |             | 92          | $\top$   | _  |               |          |                |  |             | $\int$       |                   |          | _             | 142  |  | -         | _        | _      | -              | +        | +          | +                        | +  |
|          | -          |               | 43            | $\dashv$      | +  | +  | +  | +        | +        |                    | +               | 1            | 7          |             | 93          |  |  |               |          |                |  |             |              |                   |          | <u> </u>      | 143  | -  | +-        | 4-       |        | +              | -        | +          | +                        | 十  |
|          | ŀ          |               | 44            | $\dashv$      | -+   | $\dashv$                                     |  | +        | $\dashv$ | _                  | 1               | 十            | 7          |             | 94          |  |  |               |          |                |  | $\perp$     |              |                   | 4        |               | 144  |  | - -       | +-       | +-     | +              |          | +          | +                        | +  |
|          | ł          |               | 45            | $\dashv$      | -+   | -+   | _  | $\dashv$ | $\dashv$ | 寸                  | _               |              |            |             | 95          | $\perp$  |  |               |          |                | _ _  | _           | _            |                   | 4        | _             | 145  | -  |           | +        | +-     | ╬              | +        | 十          | 十                        | +  |
|          | ŀ          |               | 46            | -+            | _  | _  | _  | 1        | 1        |                    |                 |              |            |             | 96          |  |  |               | _ _      |                |  |             | $\downarrow$ | _                 | -        | <u> </u>      | 146  | -  | - -       | +        | +      | +              | +        | +          | +                        | -+   |
|          | r l        |               | 47            | 一十            | $\dashv$   | 7  | $\neg$   |          |          |                    |                 |              |            | $\bot$      | 97          |  |  |               | _        | _ _            | _  | -           | _            | _                 | 4        |               | 147  | -  | - -       | +        |        | +              | $\dashv$ | -+-        | $\dashv$                 | 十  |
|          | <b>'</b> , |               | 48            |               |  |  |  |          |          |                    |                 |              |            | L           | 98          |  | $\dashv$   |               |          |                | +  | +           | $\dashv$     |                   | 4        |               | 148  | +  | +         | +-       | +      | +              | +        | 十          | +                        | +  |
|          | E          |               | 49            |               |  |  |  |          |          |                    |                 |              | _          | ļ           | 99          |  | _  | -             |          | -              | $\dashv$   | +           | +            |                   | -        | $\vdash$      | 149<br>150                                       | +  | +         | +        |        | $\dagger$      | +        | _          |                          |  |
| Ĩ        | ا تا ا     |               | 50            |               |  |  |  |          | $\perp$  |                    |                 | l_           |            |             | 100         | L  |  |               |          |                | <u>i</u> _                                       |             |              |                   | _ا       | L             | <u> </u>   |  |           |          |        |                |          |            |                          |  |
|          | Œ.         |               |               |               |  |  |  |          |          |                    |                 |              |            |             |             |  |  |               |          |                |  |             |              |                   |          |               |  |  |           |          |        |                |          |            |                          |  |

If more than 150 claims or 10 actions staple additional sheet here